using data from 2005 to set the standard for a 'high water year,' but we do not think that is sufficient.

3. It was unclear how and why weather data from the Iliamna airport was applied to the research presented for the mine site. Please explain. Weather in those two locations can be very different, and PLP reportedly installed five weather stations on site. In fact, Mr. McCreadie stated that precipitation and snowfall vary by as much as two times between weather stations located at the Pebble site. Please provide a summary of monthly weather data from each station at the mine site with a map indicating the location of each station.
4. How was cross-basin transfer (or lack thereof) measured between the North Fork Koktuli River and Upper Talarik Creek? We know that during flood time the North Fork and Upper Talarik share headwaters. Did PLP document this information also? Where is this information in the EBD?
5. How was cross-basin transfer (or lack thereof) measured between North Fork Koktuli and the Chulitna Drainage to Lake Clark? Is this described in the EBD, and if so, where? It sounded as if actual flow measurements were made where water transfers from the South Fork Koktuli to the Upper Talarik, but assessments of other potential water transfers were done through modeling rather than actual measurements.
6. Was cross-basin groundwater transfer investigated from the South Fork Koktuli toward Iliamna Lake? We are very concerned about potential groundwater contamination from a mine moving toward Iliamna Lake.
7. Although you stated during the meeting that the EBD includes a map of perched and flow-through ponds from which you collected water quality and flow data, we have been unable to locate that information in the EBD. Although the surface hydrology section discusses these ponds, we cannot find a map that clearly labels puddles and flow through ponds. Where, specifically, can we find that information in the EBD?
8. How many lakes will be impacted (i.e., dry up) if the mine is developed? Is there a discussion and map of these lakes in the EBD?
9. We are concerned your consultants overemphasize the "ephemeral" nature of the "downwelling reach" of the South Fork Koktuli. Your data and ADFG data clearly show fish presence above and below that reach, and Mr. McCreadie indicated there were several years that area did not go dry.
10. From Mr. McCreadie's presentation, it appeared only one deep drill hole was examined for water chemistry. We believe further characterization is needed in order to adequately assess deep groundwater quality. Has additional deep drill hole data been collected? If so, we would be interested in seeing that information. If not, more water sampling should occur in deep holes. Where in the EBD can we find the deep hole groundwater quality data?
11. Why were there no monitoring wells on the lower reaches of the North Fork Koktuli or lower reaches of Upper Talarik, especially below the inter-basin transfer area?
12. Mr. Taylor stated that several metals (copper, zinc, nickel, and aluminum) naturally exceed water quality standards. Where exactly have these high levels been measured? How do you explain the presence of healthy and spawning fish with respect to this information? Will you be using this data to acquire site-specific water quality criteria that could further endanger fish populations? When you seek discharge permits, will you attempt to use the highest recorded concentration of metals as the legal discharge, and will you tailor it to specific seasons or attempt to get legal permission to discharge the highest recorded concentration year-round?